

AMENDMENTS TO THE CLAIMS

1 - 42. (Cancelled)

43. (Currently amended) A device for at least partially occluding a vascular segment, comprising:

a tubular member having a proximal end portion and a distal end portion and a lumen extending therethrough;

an expandable member at the distal end portion of the tubular member; and

an elongate member having a proximal end portion and a distal end portion, wherein the distal end portion is connected to the expandable member, and the elongate member extends longitudinally within the lumen of the tubular member, the elongate member being longitudinally ~~and rotationally~~ moveable between a first position wherein the expandable member is in a collapsed configuration, and a second position wherein the expandable member is in an expanded configuration, and wherein the elongate member moves proximally longitudinally with respect to the tubular member ~~and rotationally~~ as the expandable member moves from its collapsed configuration to its expanded configuration; and

a resilient material encapsulating the expandable member.

44. (Currently amended) The device of Claim 43, further comprising a lock configured to lock wherein the expandable member is locked in its expanded configuration.

45. (Previously presented) The device of Claim 44, wherein the elongate member rotates to position the expandable member in its locked, expanded configuration.

46. (Previously presented) The device of Claim 44, wherein the elongate member rotates approximately 90 degrees to position the expandable member in its locked, expanded configuration.

47. (Previously presented) The device of Claim 45, wherein rotation of the elongate member causes a portion connected to the elongate member to engage a portion connected to the tubular member.

48. (Previously presented) The device of Claim 44, wherein the expandable member has a proximal end connected to the tubular member and a distal end connected to the elongate member.

49. (Currently amended) The device of Claim 44, wherein said resilient material further comprising a material that adjoins said expandable member is configured for creating a seal with the vascular segment.

50. (Canceled)

51. (Previously presented) The device of Claim 44, wherein said expandable member comprises a member selected from the group consisting of a braid, a coil, a ribbon-like structure, a slotted tube, a plurality of ribs and a filter-like mesh.

52. (Previously presented) The device of Claim 44, wherein said expandable member expands as said elongate member is retracted.

53. (Currently amended) The device of Claim 44, wherein said expandable member occludes the blood vessel and inhibits fluid flow therethrough when said expandable member contacts the vascular segment.

54. (Currently amended) The device of Claim 44, wherein said expandable member has holes therein ~~to allow for the perfusion of blood when said expandable member is expanded.~~

55. (Currently amended) A device for at least partially occluding a vascular segment, comprising:

a tubular member having a proximal end portion and a distal end portion and a lumen extending therethrough;

an expandable member at the distal end portion of the tubular member;

an elongate member having a proximal end portion and a distal end portion, wherein the distal end portion is connected to the expandable member, and the elongate member extends longitudinally within the lumen of the tubular member, the elongate member being longitudinally moveable relative to the tubular member between a first position wherein the expandable member is in a collapsed configuration, and a second position wherein the expandable member is in an expanded configuration, wherein the elongate member is pulled proximally from the first position to the second position with respect to the tubular member to expand the expandable member; and

a covering disposed over the expandable member configured to expand with the expandable member and further configured to interrupt fluid flow through a vascular segment when the expandable member is in the expanded configuration. ~~a handle connected to the elongate member positioned outside of the lumen of the tubular member~~

~~having a cross-sectional profile in at least one dimension that is larger than a cross-sectional dimension of the lumen, but that does not extend radially substantially beyond an outer surface of said tubular member.~~

56. (Previously presented) The device of Claim 55, wherein the elongate member has a diameter of about 0.006 to 0.008 inches.

57. (Canceled) ✓

58. (Currently amended) The device of Claim 55, wherein the covering further comprising a material that adjoins said expandable member for creating is configured to create a seal with the vascular segment when the expandable member is in the expanded configuration.

59. (Previously presented) The device of Claim 58, wherein said material does not completely encapsulate said expandable member.

60. (Previously presented) The device of Claim 55, wherein said expandable member comprises a member selected from the group consisting of a braid, a coil, a ribbon-like structure, a slotted tube, a plurality of ribs and a filter-like mesh.

61. (Previously presented) The device of Claim 55, wherein said expandable member expands as said elongate member is retracted.

62. (Previously presented) The device of Claim 55, wherein said expandable member occludes the blood vessel when said expandable member contacts the vascular segment.

D 63. (Currently amended) The device of Claim 55, wherein said covering expandable member has holes therein to allow for the perfusion of blood when said expandable member is expanded.

64. (Previously presented) The device of Claim 55, wherein the expandable member has a proximal end connected to the tubular member and a distal end connected to the elongate member.

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SUMMARY OF INTERVIEW

Applicant thanks the Examiner for courtesies extended to Applicant's representative in the Personal Interview conducted on October 29, 2003. In that interview, Claims 43 and 55 were discussed in view of Gunther et al. (U.S. 5,329,942). Applicant proposed amending Claim 43 along the lines of Claim 55 to more fully distinguish over Gunther. The Examiner agreed that Claim 55 should not have been rejected over Gunther and will withdraw the rejection of Claim 55 over Gunther.